



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Re: Application of: Rämö et al.**

Attorney Docket: 944-003.191

Serial No.: 10/692,291

**Group Art Unit:** to be assigned

Filed: October 23, 2003

Examiner: to be assigned

## **For: METHOD AND SYSTEM FOR PITCH CONTOUR QUANTIZATION IN AUDIO CODING**

Director of the U.S. Patent & Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

## **INFORMATION DISCLOSURE STATEMENT**

Sir:

Applicant submits herewith references of which they are aware, which they believe may be material to the examination of this application and in respect of which they may have a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be “material” pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any document referred to herein is “prior art” for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined under 37 CFR 1.56(a) exists.

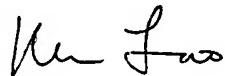
I hereby certify that this correspondence is being deposited today with the United States Postal Service as first class mail in an envelope addressed to Director of the U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

 1.23.04  
Cathy Wilcox Date

A PTO-1449 with cited reference is also enclosed.

This IDS is being submitted prior to receipt of a first Official Action in this matter; therefore, the undersigned respectfully submits that no fee is due for filing this IDS. Should any fees be due of which the undersigned is unaware, the Commissioner is hereby authorized to charge deposit account 23-0442 any fee deficiency required to submit this IDS.

Respectfully submitted,

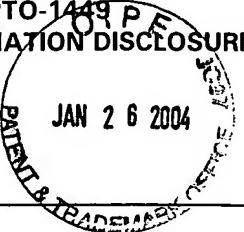


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Date: January 23, 2004

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<b>FORM PTO-1449 P INFORMATION DISCLOSURE STATEMENT</b> 		ATTY DOCKET NO. 944-003.191	SERIAL NO. 10/692,291
		APPLICANTS: Rämö et al.	
		FILING DATE: October 23, 2003	ART UNIT: to be assigned

**UNITED STATES PATENT DOCUMENTS**

EXAM. INITIAL	DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	U.S. 2003/0105624	June 5, 2003	Yokoyama	704	201	
	U.S. 5,787,387	July 28, 1998	Aguilar	704	208	
	U.S. 2003/0002446	Jan. 2, 2003	Komaili et al.	370	252	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

	IEEE 0-7803-4428-6/98; S. Nandkumar et al.; "Robust Speech Mode Based LSF Vector Quantization for Low Bit Rate Coders"; pp. 41-44; 1998.
	IEEE CH2118-8/85/000-0937; M. Schroeder et al.; "Code-excited Linear Prediction (CELP): High-Quality Speech at Very Low Bit Rates"; pp. 25.1.1-25.1.4; 1985.
	IEEE 0096-3518/86/0080-0744; R. McAulay et al.; "Speech Analysis/Synthesis Based on a Sinusoidal Representation"; pp. 744-754; 1986.
	IEEE 1063-6676/00; P. Prandoni et al.; "R/D Optimal Linear Prediction"; pp. 646-655; 2000.

Examiner (To be assigned)	Date:
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